

Product datasheet for RC224808L3V

OriGene Technologies, Inc.

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SCP1 (SYCP1) (NM_003176) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: SCP1 (SYCP1) (NM_003176) Human Tagged ORF Clone Lentiviral Particle

Symbol: SCP1

Synonyms: CT8; HOM-TES-14; SCP-1; SCP1

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM_003176

 ORF Size:
 2928 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC224808).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: <u>NM 003176.2</u>

 RefSeq Size:
 3529 bp

 RefSeq ORF:
 2931 bp

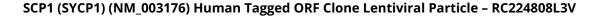
 Locus ID:
 6847

 UniProt ID:
 Q15431

 Cytogenetics:
 1p13.2

MW: 114.2 kDa







Gene Summary:

Major component of the transverse filaments of synaptonemal complexes, formed between homologous chromosomes during meiotic prophase. Required for normal assembly of the central element of the synaptonemal complexes. Required for normal centromere pairing during meiosis. Required for normal meiotic chromosome synapsis during oocyte and spermatocyte development and for normal male and female fertility.[UniProtKB/Swiss-Prot Function]